

Appn. No.: 10/762,124  
Amdt. Dated: November 3, 2006  
Reply to Office Action dated: October 10, 2006

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**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. – 11. (Cancelled)
12. (Previously presented) A ceramic substrate comprising an OBG structure having a surface coating of a surface binding material, said OBG structure being disposed within a via in said ceramic substrate, wherein said surface binding material comprises hexane and calcium.
13. (Canceled)
14. (Previously presented) A ceramic substrate comprising an OBG structure having a surface coating of a surface binding material, said OBG structure being disposed in said ceramic substrate, wherein said surface binding material comprises hexane and calcium, and the ratio of calcium to hexane is from about 1% to 2%.
15. (Canceled)
16. (Previously presented) A ceramic substrate comprising an OBG structure having a surface coating of a surface binding material comprising of hexane and calcium, said OBG structure being disposed in said ceramic substrate, wherein said OBG structure comprises at least one material selected from the group consisting of indium phosphide and indium gallium arsenide.

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17. (Previously presented) The ceramic substrate of claim 14, wherein said ceramic substrate comprises a plurality of substrate layers.

18. (Canceled)

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